IN THE CLAIMS:

Please amend claims 1-10 as follows:

1.   (Currently Amended) A redundancy packet transmission system comprising an active router and a standby router each of which ~~includes a function to realize~~ has two or more virtual routers <u>logically realized</u> therein, and an internal wiring conductor to connect said active router and said standby router,

wherein <u>each of said two or more virtual routers logically realized in said active router is configured to transmit packets with only a corresponding one of a plurality of internet service providers,</u>

each of said active router and said standby router includes:

a network interface accommodating communication channels;

a processor for making a predetermined process on ~~a received~~ <u>the</u> packet<u>s</u> <u>transferred with the internet service providers</u>;

a table memory for storing<u>, for each of the internet service providers,</u> respective routing information <u>of said corresponding internet service provider</u> necessary for routing processing of ~~said received~~ packet<u>s from said corresponding internet service provider only via a respective one</u> ~~by each~~ of said two or more virtual routers <u>logically</u> realized in ~~a same~~ <u>the</u> active or standby router ~~independently~~; and

a program memory in which a program to be executed by said processor provided in the [[same]] <u>active or standby</u> router is stored therein in advance,

~~whereby~~ <u>wherein when said active router operates normally, said two or more virtual routers logically realized on said active router are activated and said two or more virtual routers logically realized on said standby router are not activated,</u>

<u>said respective routing information of said corresponding internet service provider stored in the table memory of the active router is independently managed by only the respective one of said two or more virtual routers logically realized in said active router, and said respective routing information of said corresponding internet service provider stored in the table memory of the standby router is independently managed by only a respective one of said two or more virtual routers logically realized in said standby router,</u>

when a trouble occurs in said active router [[11]], said system has said standby router take over routing processing of the active router [[11]] by synchronizing per

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virtual router via independently [[via]] synchronizing (1) said respective routing information of said corresponding internet service provider stored in the table memory of the active router ~~and managed by only one of said two or more virtual routers realized and activated on said active router~~ with (2) said respective routing information of said corresponding internet service provider stored in the table memory of the standby router ~~and managed by a corresponding one of said two or more virtual routers realized but not yet activated on said standby router~~, said processor provided in said active router transmits through the internal wiring conductor to said standby router a packet including a virtual router configuration flag and identification information of said [[only]] respective one of said two or more virtual routers logically realized ~~and activated on~~ in said active router, receives a response signal relative to said identification information from said respective one of said two or more virtual routers logically realized ~~but not yet activated on~~ in said standby router, and transmits and saves to said standby router said respective routing information of said corresponding internet service provider managed by said [[only]] respective one of said two or more of the plurality of virtual routers logically realized ~~and activated on~~ in said active router.

2.   (Currently Amended) A redundancy packet transmission system according to claim 1, wherein said virtual router configuration flag indicates whether to activate said ~~corresponding~~ respective one of said two or more virtual routers logically realized ~~but not yet activated on~~ in said standby router.

3.   (Currently Amended) A redundancy packet transmission system according to claim 1, wherein said standby router updates said respective routing information of said corresponding internet service provider managed by said ~~corresponding~~ respective ones of said two or more virtual routers logically realized ~~and activated on~~ in said standby router on the basis of said ~~routing~~ respective routing information of said corresponding internet service provider sent from said active router via separated packets.

4.   (Currently Amended) A redundancy packet transmission system according to claim 1, wherein said active router periodically transmits said packet including said

identification information of said [[only]] <u>respective</u> one of said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router to said standby router.

5.   (Currently Amended) A redundancy packet transmission system according to claim 4, wherein said standby router has a counter, and

~~said standby router decides by said counter that~~ when said standby router does not receive said packet including said virtual router configuration flag and said identification information ~~of said only one of said two or more virtual routers realized and activated on said active router~~ for a predetermined time, <u>said standby router determines by using the counter that</u> [[as]] said [[only]] <u>respective</u> one of said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router has failed, and then starts to take over processing being handled by <u>said respective one of</u> said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router.

6.   (Currently Amended) A redundancy packet transmission system according to claim 1, wherein said packet including said virtual router configuration flag and said identification information of said [[only]] <u>respective</u> one of said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router is a Virtual Router Redundancy Protocol (VRRP) packet.

7.   (Currently Amended) A redundancy packet transmission system according to claim 6, wherein said identification information of said [[only]] <u>respective</u> one of said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router is recorded in a Virtual Router identifier (VRID) field of said VRRP packet.

8.   (Currently Amended) A redundancy packet transmission system according to claim 2, wherein said packet including said virtual router configuration flag and said identification information of said [[only]] <u>respective</u> one of said two or more virtual routers <u>logically</u> realized ~~and activated on~~ <u>in</u> said active router is a Virtual Router Redundancy Protocol (VRRP) packet.

9.   (Currently Amended) A redundancy packet transmission system according to claim 8, wherein said virtual router configuration flag indicating whether to activate said

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~~corresponding~~ <u>respective</u> one of said two or more virtual routers <u>logically realized in</u> <u>said standby router</u> is stored in a type field of said VRRP packet.

10. (Currently Amended) A redundancy packet transmission system according to claim 2, further comprising a configuration console that has a display screen and command input means, wherein said virtual router configuration flag indicating whether to activate said ~~corresponding~~ <u>respective</u> one of said two or more virtual routers <u>logically realized in said standby router</u> is determined on the basis of a command entered through said command input means.

11. (Previously Presented) A redundancy packet transmission system according to claim 1, wherein the internal wiring conductor to connect said active router and said standby router is a communication channel that is connected to said network interface of each of the active and standby routers.

12. (Previously Presented) A redundancy packet transmission system according to claim 1, wherein each of said active router and said standby router further includes a switch, and

the internal wiring conductor to connect said active router and said standby router is a VRRP packet transfer dedicated line between said switch of each of the active and standby routers.